

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kayla D. Brant (Reg. No. 46576) on 4/7/2008.

#### **In the claims:**

Claim 32; please replace the phrase "A computer-readable medium having stored thereon computer-executable instructions for causing a processor to perform a method, in lines 1 – 2 of the claim", to "A computer storage media having stored thereon computer-executable instructions for causing a computer to perform a method".

Claim 35; please replace the phrase "A computer-readable medium as recited in claim 32, in line 1 of the claim", to "A computer storage media as recited in claim 32".

Claim 36; please replace the phrase "A computer-readable medium as recited in claim 32, in line 1 of the claim", to "A computer storage media as recited in claim 32".

Claim 37; please replace the phrase "A computer-readable medium having stored thereon computer-executable instructions for causing a processor to perform a method, in lines 1 – 2 of the claim", to "A computer storage media having stored thereon computer-executable instructions for causing a computer to perform a method".

Claim 38; please replace the phrase "A computer-readable medium as recited in claim 37, in line 1 of the claim", to "A computer storage media as recited in claim 37".

Claim 39; please replace the phrase “A computer-readable medium as recited in claim 37, in line 1 of the claim”, to “A computer storage media as recited in claim 37”.

Claim 40; please replace the phrase “A computer-readable medium as recited in claim 32, in line 1 of the claim”, to “A computer storage media as recited in claim 32”.

***Allowable Subject Matter***

2. Claims 1, 4 – 29, 32 and 35 – 40, renumbered as 1 – 34 are allowed.
3. The following is an examiner’s statement of reasons for allowance: Applicant by incorporating the allowable subject matter as indicated in the last Office Action mailed Sep. 27, 2007, place the application in allowable condition. The prior art of the record fails to anticipate or fairly suggest, A method for transcoding input video data encoded at an initial bit rate into output video data encoded at a target bit rate, the input video data and the output video data comprising one or more of an intra frame (I-frame), a predictive frame (P-frame), and a bidirectional frame (B-frame), the method implemented by a processor, the method comprising: accumulating transcoding error associated with transcoding the input video data into the output video data to generate accumulated transcoding error; motion-compensating the accumulated transcoding error to generate motion- compensated accumulated transcoding error; error-compensating the input video data with the motion-compensated accumulated transcoding error to generate error-compensated video data; determining whether the input video data comprises bidirectional frame (B-frame) video data; determining whether utilization of the processor is greater than a predetermined maximum utilization; and if the input video data comprises B-frame video data and the utilization of the processor is greater than the predetermined maximum, applying a B-frame

switching module operable to disable the accumulating motion-compensating, and error-compensating operations from being applied to the B-frame video data, and inserting B-frame bypass data into the output video data, the B-frame bypass data indicating that the B-frame video data is not transcoded, as claimed.

Claims 5 – 18, 20 – 29, 35 – 36 and 38 – 40, renumbered as claims 3 – 16, 18 – 27, 29 – 30 and 32 – 34 are dependent to allowable independent claims 1, 4, 19, 32 and 37, renumbered as independent claims 1, 2, 17, 28 and 37.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

#### **Contact**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Behrooz Senfi** whose telephone number is **(571) 272-7339**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Mehrdad Dastouri** can be reached on **(571) 272-7418**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**Or faxed to:**

**(571) 273-8300**

Hand-delivered responses should be brought to Randolph Building, 401 Dulany Street, Alexandria, Va. 22314.

Any inquiry of a general nature or relative to the status of the application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is **(571) 272-6000**.

/Behrooz Senfi/

Examiner, Art Unit 2621

/Tung Vo/

Primary Examiner, Art Unit 2621